

CLAIMS

1 1. An apparatus comprising:

2 a. means for permitting a user to access a publically accessible digital data
3 communication network using a standard commercial browser;

4 b. means responsively coupled to said permitting means via said publically accessible
5 digital data communication network for providing data base management services in
6 response to command language script; and

7 c. means responsively coupled to said permitting means and said responding means
8 for notifying said providing means when a first particular command language script
9 element is within a format consistent with said providing means and when a second
10 particular command language script element is within SGML-derived syntax.

1 2. An apparatus according to claim 1 wherein said notifying means further comprises a
2 coded command language script element.

1 3. An apparatus according to claim 2 wherein said publically accessible digital data
2 communication network further comprises the Internet.

1 4. An apparatus according to claim 3 wherein said responding means further comprises
2 MAPPER data base management system.

1 5. An apparatus according to claim 4 wherein said permitting means further comprises an
2 industry standard personal computer.

1 6. An apparatus comprising:

2 a. a user terminal which initiates a service request;
3 b. a gateway responsively coupled to said user terminal via a publically accessible
4 digital data network;
5 c. a translation module which converts said service request into a series of command
6 language script elements;
7 d. a data base management system responsively coupled to said translation module
8 and to said user terminal via a said gateway which ; and
9 e. a notification module responsively coupled to said translation module which
10 identifies a first particular command language script element as within a first format
11 which is compatible with said data base management system and which identifies a
12 second particular command language script element as within SGML-derived syntax.

1 7. The apparatus of claim 6 wherein said publically accessible digital data communication
2 network further comprises the Internet.

1 8. The apparatus of claim 7 further comprising a coded command language script element
2 which identifies the next succeeding command language script element as within SGML-
3 derived syntax.

1 9. The apparatus of claim 8 wherein said user terminal further comprises an industry
2 compatible personal computer containing a web browser.

1 10. The apparatus of claim 9 wherein said data base management system further comprises
2 the MAPPER data base management system.

1 11. A method of honoring a service request from a user terminal coupled via a publically
2 accessible digital data network to a remote data base management system having a data
3 base wherein said service request includes command language script having a first format
4 compatible with said remote data base management system and having a second format of
5 SGML-derived syntax, comprising:

6 a. transferring said service request to said remote data base management system
7 via said publically accessible digital data network;
8 b. identifying said command language script having said second format;
9 c. executing said command language script having said first format; and
10 d. executing said command language script having said second format.

1 12. A method according to claim 11 wherein said identifying step further comprises
2 providing a uniquely coded command language script element signifying that the
3 succeeding command language script element has said second format.

1 13. A method according to claim 12 wherein said publically accessible digital data
2 communication network further comprises the world wide web.

1 14. A method according to claim 13 wherein said user terminal further comprises an
2 industry compatible personal computer.

1 15. A method according to claim 14 wherein said uniquely coded command language script
2 element further comprises "@BRK"

1 16. In a data processing system having a user terminal for a service request to a data base
2 management system responsively coupled to said user terminal via a publically accessible
3 digital data communication network , the improvement comprising:

- 4 a. said service request having a plurality of command language script elements of a
5 first format and a second format; and
- 6 b. a user interface module coupled to said user terminal and to said data base
7 management system which identifies whether a particular command language script
8 element is of said second format.

1 17. The improvement according to claim 16 wherein said user interface module identifies
2 utilizing a uniquely coded command script element.

1 18. The improvement according to claim 17 wherein said uniquely coded command script
2 element further comprises “@BRK”.

1 19. The improvement according to claim 18 wherein each of said plurality of said command
2 language script elements is stored within said data base management system.

20. The improvement according to claim 19 wherein said data base management system is CLASSIC MAPPER.